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Planning Assistance Report  
Coastal Structures Inventory

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# **Gloucester Harbor**

## **Gloucester, Massachusetts**

April 1989



**US Army Corps  
of Engineers**  
New England Division

**GLOUCESTER HARBOR  
GLOUCESTER, MASSACHUSETTS**

**Planning Assistance Report  
COASTAL STRUCTURES INVENTORY**

**Department of the Army  
New England Division, Corps of Engineers  
Waltham, Massachusetts**

## **EXECUTIVE SUMMARY**

**The US Army Corps of Engineers, New England Division, prepared this report at the request of the Massachusetts Department of Environmental Quality Engineering under the provisions of Section 22 of the Water Resources Development Act of 1974 (Planning Assistance to the States) as amended. It supports the State of Massachusetts' efforts to inventory all existing Massachusetts' shoreline and nearshore structures, and complements the Commonwealth's overall Waterways Regulation Program. The report details the location, ownership, general construction type, permit number, and function of these shoreline and near shore structures in Gloucester Harbor. Details were verified by field inspections in November, 1988 and January, 1989 and therefore present a comprehensive picture of present conditions in Gloucester Harbor.**

**This report provides information from a variety of sources in a single volume and should prove beneficial for Federal, State and Local planners. In addition to identifying coastal and nearshore structures, it documents the shoreline boundaries for Gloucester Harbor as well as existing and proposed Federal and State Projects in the immediate area.**

**Questions or comments concerning this report should be directed to:**

**USAED New England  
424 Trapelo Road  
Waltham, Massachusetts 02254-9149  
ATTN: Basin Management Branch**

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## **I. Introduction**

### **BACKGROUND**

The Waterways Regulation Program is administered by the Department of Environmental Quality Engineering, (DEQE). It exists to implement Chapter 91 of Massachusetts General Laws, (MGL c. 91), and Code of Massachusetts Regulation 310 chapter 9.00, (310 CMR 9.00). Chapter 91 requires that the Massachusetts DEQE review and authorize the placement of structures and fill and dredging operations in State waterways. The procedures for the issuance of a Chapter 91 license are contained in 310 CMR 9.00. In addition this regulation defines the methods applied by DEQE to evaluate license applications.

The Gloucester inventory report supports the continuous efforts of the Department of Environmental Quality Engineering to inventory all existing shoreline and near shore structures along the Massachusetts coast.

### **AUTHORITY**

In accordance with the provisions of Section 22 of the Water Resources Development Act of 1974, Public Law 93-251, as amended, the New England Division of the Corps of Engineers prepared this report at the request of the Massachusetts Department of Environmental Quality Engineering.

### **PURPOSE**

This report inventories the location and function of existing non-military shoreline and shallow water structures in Gloucester Harbor. Additionally, the report identifies navigational facilities in the harbor area and summarizes proposed projects in the area.

## **II. Study Area**

### **DESCRIPTION**

**Located on the Grand Banks areas of Georges Bank, the Nantucket Shoals, and the Great South Channel, Gloucester has been a major commercial fishing port since its founding in 1642. The harbor is located approximately 48 kilometers (30 miles) northeast of Boston at the northeast end of Massachusetts Bay and on the south side of Cape Ann. It is connected to eastern Ipswich Bay and northwest Cape Ann by the Blynman Canal and subsequently the Annisquam River. The prevailing winds are South to Southwest in Summer and North to Northwest in the winter. Spring rise of tides is fourteen feet, Neap rise of tides is eight feet. Gloucester Harbor is at latitude 42 degrees, 37 minutes North, longitude 70 degrees, 40 minutes West.**

**Today, Gloucester is one of the two largest offshore ports in New England, second to New Bedford. Together, Gloucester and New Bedford harbors account for more than one half New England's large boat fleet. Additionally, they gross more than one half New England's overall catch. Approximately two-thirds of the region's fish processing activity takes place in these two harbors. The controlling depth of the harbor is twenty feet and the entrance channel is 300 yards wide. Due to tidal fluctuations, pier areas can accommodate drafts of up to twenty-two feet, and average vessel lengths of three hundred and sixty feet. The largest vessel accommodated to date was 508 feet, accommodated with special provisions by Americold Corporation.**

**Although the chief economic activities remain fish processing and light manufacturing, tourism has become an increasingly important economic factor. Gloucester has become a popular port for recreational boaters and transient sailing craft. Recently, whale watching off the Cape Ann Coast has attracted visitors to the Gloucester area. There are currently five whale watching companies in Gloucester Harbor, most of which also offer harbor tours.**

### **TRANSPORTATION**

**Essentially, road, rail, sea, and air serve the Gloucester area. Principal traffic flows occur on Rte 128, Eastern Avenue (Rte. 127), Thatcher Road (Rte. 127a), Washington Street (Rte.127), and Essex Avenue (Rte.133).**

**The Boston and Maine Railroad provides rail service to the area on its Gloucester Branch. This line runs from Boston's North Station to Rockport and carries both passengers and freight. Additionally, the M.B.T.A. Commuter Rail provides service to Gloucester on the Rockport/Ipswich Line. Gloucester station is located on Washington Street at R.R. Avenue. The Commuter Rail is operated by Amtrak under contract to the Massachusetts Bay Transportation Authority.**

**The Municipal airport at Beverly provides facilities for private aircraft but offers no scheduled commercial service. For the long distance traveler, Boston's Logan International Airport is less than an hour's drive away.**

## **LAND USE**

**Shoreline sections of Gloucester are occupied by residential, commercial and industrial interests. The fishing industry occupies major portions of the Inner Harbor and Harbor Cove areas. Residences, restaurants, marinas, and small boat building and repairing facilities are most prevalent in the Rocky Neck and Smith Cove areas but are also scattered among the fishing industries in Harbor Cove. Carter Yachts and Gloucester Marine Railways, located in the Rocky Neck area, are also capable of accommodating large ships for service and repair with slipways that can hold up to 600 tons. The Rocky Neck and East Gloucester sections also house many of the artists and art galleries for which Cape Ann is famous and many of the small business here are art galleries.**

**The Western coast of the harbor from Pavillon Beach to Mussel Point is the locus of the two larger tourist beaches in Gloucester: Cressy and Half Moon Beach on Stage Fort Park.**

## **INLAND LAND USAGE**

**Areas inland from the Harbor are mainly residential or parkland and open space. Gloucester's more than 50 public/semi-public parks range in size from 1/10 acre to the larger than 400 acre Ravenswood Park. The total park land in Gloucester is approximately 800 acres, with 100 acres developed for active recreation and the remainder in an essentially natural state.**

### III. Summary of Structures

#### **EXISTING FEDERAL NAVIGATION PROJECTS**

**The existing Federal navigation in Gloucester Harbor is shown on Project Maps, Figures 1 and 2. The project, Gloucester Harbor and Annisquam River, was adopted in 1888 and supplemented by the River and Harbor Act of 1962. A description of the improvements and Authorization Dates up to 1962 is as follows:**

- |                        |   |
|------------------------|---|
| <b>11 August 1888</b>  | <b>Removal of ledges and boulders as well as other dredging in Gloucester Harbor.</b>   |
| <b>18 August 1894</b>  | <b>Construction of a breakwater at the entrance to the harbor from Eastern Point to Round Rock Shoal.</b>                                     |
| <b>13 June 1902</b>    | <b>Termination of Cat Ledge Breakwater.</b>   |
| <b>25 June 1910</b>    | <b>Remove eight (8) ledges in Gloucester Harbor.</b>  |
| <b>30 August 1935</b>  | <b>Dredging of Annisquam River and removal of a ledge in Gloucester Harbor near entrance to Annisquam River.</b>                              |
| <b>2 March 1945</b>    | <b>Dredging of eight (8) foot anchorage area in Lobster Cove, Annisquam River.</b>  |
| <b>23 October 1962</b> | <b>Provide for breakwater 2,250 feet long from Eastern Point over Dog Bar to Cat Ledge and the removal of five ledges in the Outer Harbor</b> |

**Channel and anchorage improvements have been proposed in Smith Cove, off the east side of Gloucester Inner Harbor. This proposed project would provide a 2.5 acre, eight foot deep anchorage MLW at the south end of the cove off the existing 13 foot MLW channel.**

#### **PERMITS**

**This report includes a listing of City, State and Corps of Engineers' permits for the structures identified in the harbor when they are available. Many structures, however, are not permitted by all three agencies. Wharf areas, for example, are not permitted by the city. The City of Gloucester only permits non fixed structures such as docks with mooring anchors. Also, many of the older industries' State and Corps permits have been grandfathered from the original owners through several ownerships and are therefore difficult to trace. They have not been included in this report.**



### **III. Summary of Port Facilities and Structures**

The identification of port facilities and structures is made in Table 1, Plates 1, 2, and 3, as well as in the facility descriptions which correspond to Plate 3. Table 1, below, documents the map number appearing on Plate 3, the owner of the facility, and the particular facility or structure and the page on which it appears. Plate 1 shows the general location of and important structures in Gloucester Harbor, Ipswich Bay, and the Annisquam River. Plate 2 gives detailed information about Gloucester Inner Harbor such as channel depths, shorelines and anchorages. Plate 3 gives the approximate location of each shore or near shore structure on the harbor, with descriptions of these facilities following.

**TABLE 1**  
**Major Port Facilities and Structures**

<b>Map Number</b>	<b>Owner</b>	<b>Facility/Structure</b>
01	Tarr and Wonson	Tarr and Wonson
02	Corps of Engineers	Seawall/Riprap
02a	Catherine Swauger	Residence on pilings
02b	H&S Realty	Residence on pilings
03	Joseph Giglio	West Wharf
04	Gloucester Marine Railways Corp.	Marine Railway
05	Vincent Olivio	The Outrigger
06	Bryan Alden	Rudder Restaurant
07	Frank Ahern	Studio Lounge and Deck
08	John Faherty	Private dock
09	John Parker etal.	Privatedock
10	Kathryn M. Tiramani.	Bickford Marina
11	George R. Sibley/David Condino	Essex Bay Boat Co.
12	City of Gloucester	Parking lot and seawall
13	Samuel Nigro	Private dock
13a	Ronald Tarr	Private dock
14	John Steiger	Gloucester Stage
15	John Butler	Private dock
16	Walter Katz	Residence with dock
17	Vincent Olivio	Residence with dock
18	Alan Goodnow	Residence with dock
19	A & M Trading	A & M Trading
20	Morse / Sibley	Morse Sibley Wharf
21	John Alexander, etal.	Beacon Marine Basin, Inc.
23	Vincent J Olivio / J.F. Crosby	Seaport Yacht
24	Browns Yacht Yard	Brown's Annex
25	Americold	Americold
26	Reverend Moon	East Gloucester Marina

<b>Map Number</b>	<b>Owner</b>	<b>Facility</b>
27	Bertram Peter Van Pelt	Brown's Yacht Yard
28	International Oceanic, Inc.	Internatl Seafoods Inc
29	Charles Ciaramitaro	Captain Joe's
30	City of Gloucester	Ruins
31	Hank Bornhoft	Gloucester Yankee Marine
32	Pier Seven Realty Trust	Pier Seven Realty Trust
33	Arthur Sawyer	S&S Seafoods
34	Commonwealth of Massachusetts	Mass. Govt. Landbank
34a	Three Lanterns Ship Supply	Three Lanterns Supply
35	Government Land Bank	Bulkhead, riprap
36	Harbor Nominee Trust	Head of the Harbor Marina
37	Connelly and Wright Seafood	Connelly & Wright Seafood
37a	Salt Water Seafood	Saltwater Seafood
38	Rose Filetto	Rose's Oil Company
39	Carter's Yacht Yard	Carter's Yacht Yard
40	General Mills	The Gorton Corporation
41	Commonwealth of Massachusetts	Mass. Electric Co.
42	Americold Corp.	Americold
43	Augustus Ciulla et al.	Star Fisheries
44	Gloucester Marine Railways	Glou. Marine Rail Corp.
45	ORES-Ocean Research Inc.	Wharf and Park
46	United States of America	U.S.C.G. Station
47	Empire Fish Co.	Empire Fish Co.
48	Carter	Building Center
49	Glouc. Redevelopment Authority	Dock, slips, walkway
50	Gloucester House Restaurant	Glouster House Rest.
51	City of Gloucester	Fisherman's Wharf
52	Raymond Bandar	Captain Corageous Rest
53	City of Gloucester	Lobstermen's Marina
54	GMF Corp.	GMF Corp.
55	Frontiero Bros.	Frontiero Bros. Inc.
56	Quick Freeze Corp.	Quick Freeze Corp.
57	Rose Filetto et al.	Producer's Fish
58	Cape Pond Ice	Cape Pond Ice
59	Bordinaro and Smith	Bordinaro and Smith
60	City of Gloucester	Riprap
61	City of Gloucester	Seawall

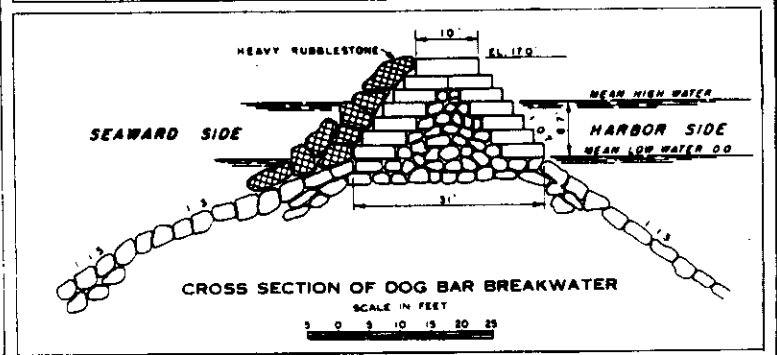
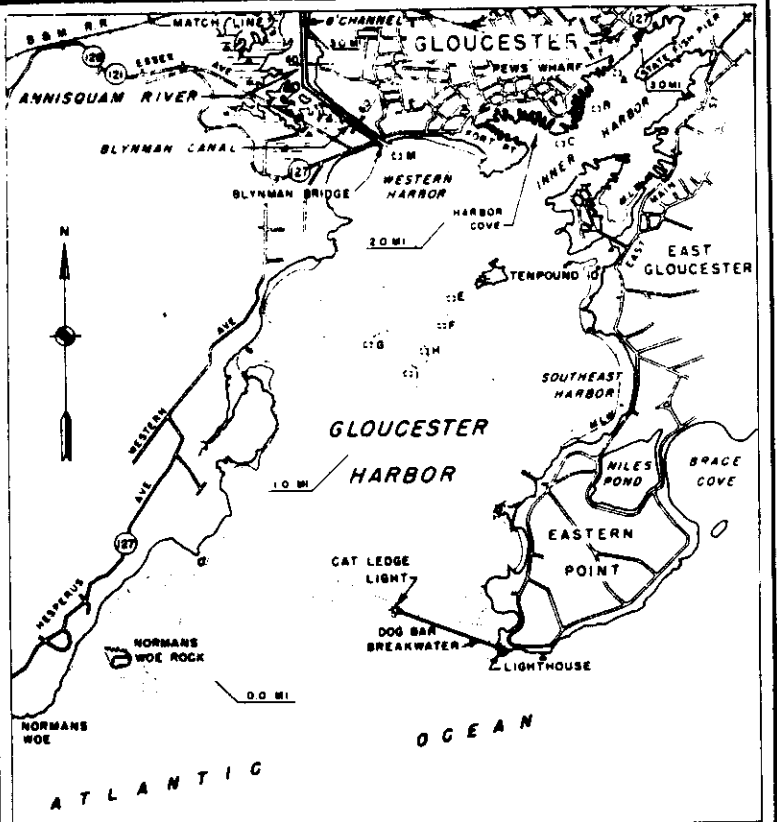
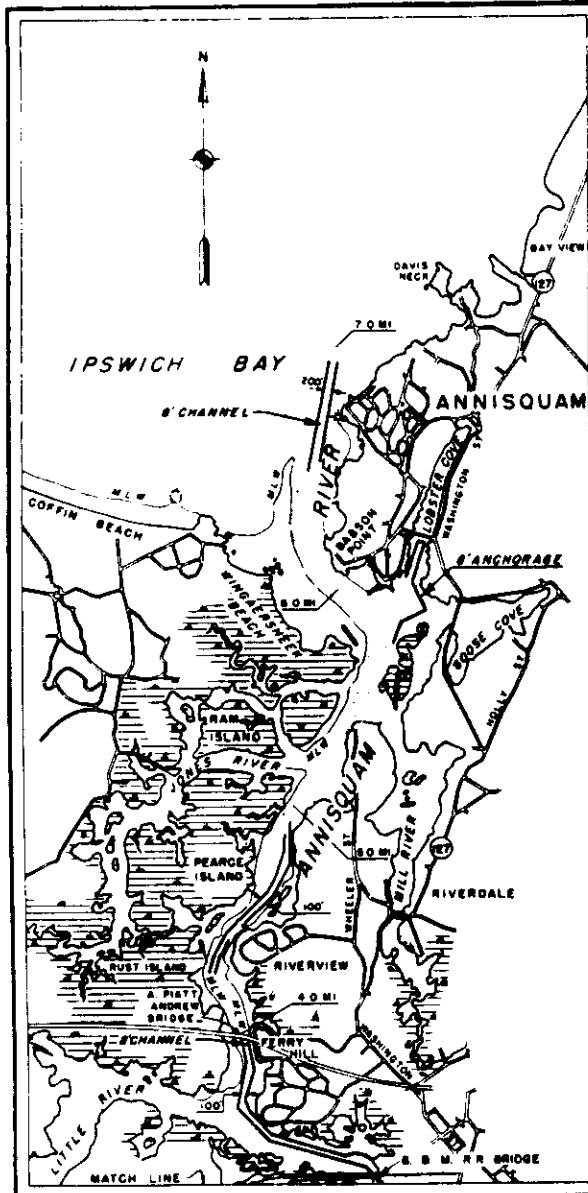


PLATE I



# **INNER HARBOR GLOUCESTER, MASS.**

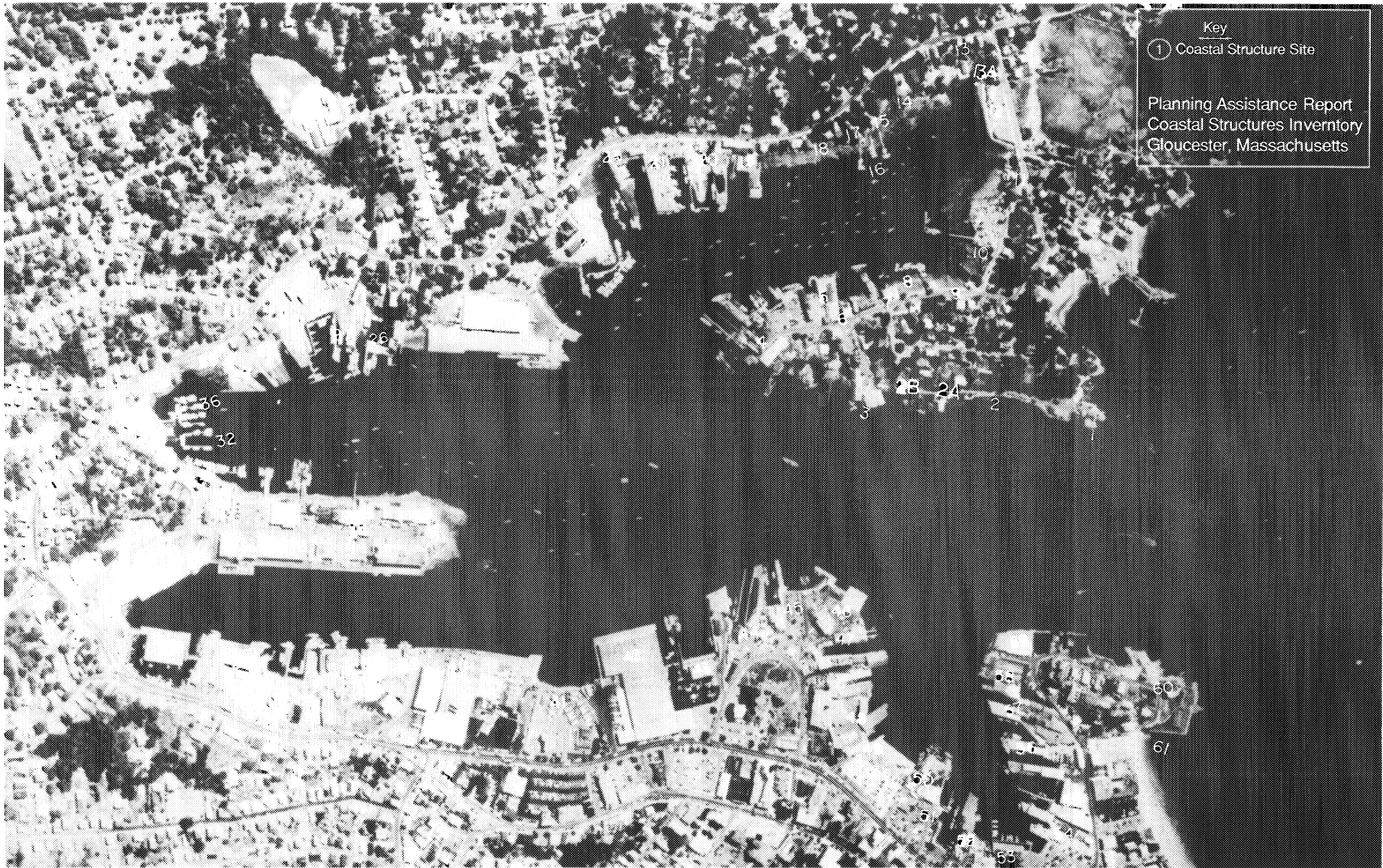
PLANNING ASSISTANCE REPORT  
COASTAL STRUCTURES INVENTORY

NEW ENGLAND DIVISION  
U.S. ARMY, CORPS OF ENGINEERS  
WALTHAM, MASSACHUSETTS

NOTE: DEPTHS INDICATED ARE IN FEET

★ : INDICATES HISTORICAL PUBLIC LANDING - NOT IN CURRENT USE





Key  
① Coastal Structure Site

Planning Assistance Report  
Coastal Structures Inventory  
Gloucester, Massachusetts

Plate 3 - Inner Harbor

01

Facility: TARR AND WONSON, LTD.  
Address: Horton Street  
Owner: Tarr and Wonson  
Location on waterfront: Rocky Neck

Remarks:  
Retaining sea wall surrounds beach frontage.

Building is currently for sale.

Permits:  
Corps of Engineers permit #570148, dated 5/27/57 for fill  
and riprap to stabilize slope.  
State permit # 786, 1883; #937, 1886.

02

Facility: SEAWALL/RIPRAP  
Address:  
Owner: Corps of Engineers  
Location on waterfront: Rocky Neck  
Remarks:  
Stabilization and erosion prevention

Permits:

02a

Facility: PRIVATE RESIDENCE  
Address:  
Owner: Catherine Swauger  
Location on waterfront: Rocky Neck

Remarks:  
Residence is built on pilings and extends over high water line.

Permits:

02b

Facility: PRIVATE RESIDENCE  
Address:  
Owner: H&S Realty  
Location on waterfront: Outer Rocky Neck

Remarks:  
Residence is built on pilings and extends over high water line.

Permits:

03

Facility: WEST WHARF  
Address: 21 Horton Street  
Owner: Joseph Giglio  
Location on waterfront: Outer Harbor, Rocky Neck

Remarks:  
Residence is attached to business  
apartments are rented during the summer months

Permits:  
Corps of Engineers permit #870774, dated 1/15/88, for  
concrete pilings to support wooden deck.

04

Facility: GLOUCESTER MARINE RAILWAYS CORP.  
Address: 64 Rocky Neck Avenue  
Owner: Gloucester Marine Railways Corp.  
Location on waterfront: Smith Cove  
Remarks:  
Storage and repair of large boats

Permits:  
Corps of Engineers permits #690120 dated 5/21/69 for dredg-  
ing in Smith Cove by dock areas



05

Facility: THE OUTRIGGER  
Address: 57-61 Rocky Neck Ave.  
Owner: Vincent Olivio  
Location on waterfront: Smith Cove

Remarks:

Dockside - 20 moorings, dockage for 15 boats, overnight slips available. Small mall is also located on wharf with gift, novelty, souvenir shops. Police boat docks here wood construction, pilings, bit. conc. overlay in mall area.  
Permits:

Corps of Engineers permit #650265, dated 1/11/65 and #610010 dated 2/13/61 for piers.  
Sate permit #4325, 1960; #4983, 1965.

06

Facility: RUDDER RESTAURANT  
Address: 51-55 Rocky Neck Avenue  
Owner: Bryan Alden  
Location on waterfront: Smith Cove  
Remarks:  
Private dock, wood construction on pilings.  
Gallery and residence.

Permits:

Corps of Engineers permit number 840070, dated 3/22/84, for pier extensions and pilings.

07

Facility: STUDIO LOUNGE AND DECK, INC.  
Address: 49 Rocky Neck Avenue  
Owner: Frank Ahern  
Location on waterfront: Smith Cove

Remarks:  
Seasonal restaurant with docking capabilities; 15 slips,  
overnight, as well as temporary, docking capabilities for  
customers.  
Wood construction on pilings.  
Permits:  
Corps of Engineers permit #882354, undated, for deck and  
pilings.  
Application for floats approved by City Conservation Comm.

08

Facility: PRIVATE DOCK  
Address: 45 Rocky Neck Avenue  
Owner: John Faherty  
Location on waterfront: Smith Cove  
Remarks:  
Private dock, wood construction, finger piers on pilings.

Permits:  
Corps of Engineers permit # 800581, dated 6/9/81, for floats  
and pilings in Smith Cove.

09

Facility: PRIVATE DOCK  
Address: 33-43 Rocky Neck Avenue  
Owner: John Parker etal.  
Location on waterfront: Smith Cove

Remarks:  
private dock with pilings

Permits:

10

Facility: BICKFORD MARINA  
Address: 25-31 Rocky Neck Avenue  
Owner: Kathryn M. Tiramani  
Location on waterfront: Smith Cove  
Remarks:  
Wood construction with fiberglass floatation and steel connectors, mushroom anchors. Commercial use for space rental and marina operations.

Permits:  
Corps of Engineers permit #840581, dated 4/1/86 for additional floats  
City permit # 23, 1989.

11

Facility: ESSEX BAY BOAT CO.  
Address: 15 Rocky Neck Avenue  
Owner: George R. Sibley/David Condino  
Location on waterfront: Smith Cove

Remarks:  
Private, wooden boat craft and repair, sales and supplies.  
Facilities: 100' dockage, RR 40', 20 ton, hoist-3 ton,  
outside storage available.

Permits:  
permit for floats and dredging pending.

12

Facility: PARKING LOT AND SEAWALL  
Address: Rocky Neck Avenue  
Owner: City of Gloucester  
Location on waterfront: End of Smith Cove  
Remarks:  
Parking lot is used for access to artists' area and  
Rocky Neck

Permits:

16

13

Facility: PRIVATE DOCK  
Address: R269-281 East Main St  
Owner: Samuel Nigro  
Location on waterfront: Smith Cove

Remarks:  
Wood construction built from bulkhead line, anchored floats

Permits:  
Corps of Engineers permit #860354, dated 2/25/87 for jetty, float and pier.

13a

Facility: PRIVATE RESIDENCE  
Address: East Main Street  
Owner: Ronald Tarr  
Location on waterfront: Smith Cove  
Remarks:  
Wood construction, anchored floats

Permits:  
Not permitted since original floats were to be seasonal however they have been year round, bottom anchored, no pilings.

14

Facility: GLOUCESTER STAGE  
Address: 265 East Main Street  
Owner: John Steiger  
Location on waterfront: Smith Cove

Remarks:  
Private docks - mooring anchored floats off bulkhead,  
Wood construction, styrofoam floatation, mushroom anchors.  
Conservation Commission approved, 6/15/88

Permits:  
City permit # 54, 1989

15

Facility: PRIVATE DOCK  
Address: R 259 East Main Street  
Owner: John Butler  
Location on waterfront: Smith Cove  
Remarks:  
Wood floats, foam floatation on mushroom anchors.

Permits:  
City permit # 56, 1989

18

Facility: PRIVATE RESIDENCE WITH DOCK  
 Address: 255 East Main Street  
 Owner: Walter Katz  
 Location on waterfront: Smith Cove

Remarks:

Wood construction, styrofoam floatation, pilings  
 City of Gloucester is contesting pilings on basis that they  
 impede navigation and that proper permitting channels were  
 bypassed.

Permits:

Corps of Engineers permit # 880404, dated 3/14/88 for  
 additional pilings  
 State of Massachusetts permit # 923  
 City permit pending

Facility: PRIVATE RESIDENCE WITH DOCK  
 Address: 249 East Main Street  
 Owner: Vincent Olivio  
 Location on waterfront: Smith Cove

Remarks:

Private ramp and floating dock from sea wall.  
 Wood construction, foam floatation, mushroom anchoring.

Permits:

Corps of Engineers permit #881440 for ramp and floating dock  
 City permit #53, 1989.

Facility: PRIVATE RESIDENCE WITH DOCK  
 Address: 247 East Main Street  
 Owner: Alan Goodnow  
 Location on waterfront: Smith Cove

Remarks:  
 Wood construction, foam floatation, mushroom anchoring.

Permits:  
 Corps of Engineers permit # 855279 dated 8/16/85 for installation of floating dock.

Facility: A & M TRADING  
 Address: 237 East Main Street  
 Owner: A & M Trading  
 Location on waterfront: Rocky Neck  
 Remarks:  
 Commercial boat dock for fishing, marine cargo handling and storage. Warf, wood construction.

Permits:  
 grandfathered



Facility: MORSE SIBLEY WHARF  
Address: R229-331 East Main Street  
Owner: Morse / Sibley  
Location on waterfront: Smith Cove

Remarks:  
Storage, repair, and service of commercial.

Permits:  
Corps permit #61075 dated 4/14/61 to maintain and place fill under wharf.

Facility: BEACON MARINE BASIN, INC.  
Address: 211-227 East Main Street  
Owner: John Alexander, etal  
Location on waterfront: Smith Cove East  
Remarks:  
Commercial boat repair and maintenance, 3 piers, outside storage. Facilities: 50 ton crane, marine supplies, gas, diesel and electric. Wood construction off bulkhead. North Shore Sport Dock is located here.  
Permits:  
Corps of Engineers permit #580025, dated 1/27/58, for construction and operation of marina.  
State permit #3238, 1950; #4039, 1957.

23

Facility: SEAPORT YACHT CO.  
Address: 199 East Main Street  
Owner: Vincent J Olivio / J.F. Crosby  
Location on waterfront: Inner Harbor

Remarks:  
Miscellaneous boating services

Permits:  
Corps of Engineers permit #881440 for ramp and floating dock

24

Facility: BROWN'S ANNEX  
Address: R197 East Main Street  
Owner: Browns Yacht Yard  
Location on waterfront: Smith Cove entrance  
Remarks:  
Dockage off bulkhead, wood construction, ramps, floats, and  
finger piers. Condominium residences at street -  
North Shore Arts, Association.

Permits:  
Corps of Engineers permit #870152, undated, for  
reconfiguration of the float plan.

Facility: AMERICOLD  
 Address: R155-167 East Main Street  
 Owner: Americold  
 Location on waterfront: Smith Cove

Remarks:

Fish processing, warehouse and cold storage.  
 Corps of Engineers permits grandfathered from Quincy Market Cold Storage.

Permits:

Corps of Engineers permit #'s: 550200 dated 9/22/55 for bulk head maintenance; 61014 dated 2/20/61 to construct & maintain c.c. wharf, steel foundation piles, solid fill & riprap #73010 dated 5/8/73 for maintenance and addition to facility

Facility: EAST GLOUCESTER MARINA  
 Address: 115-121 East Main Street  
 Owner: Reverend Moon  
 Location on waterfront: Inner Harbor  
 Remarks:  
 fish processing and sales  
 wood construction off bulkhead

Permits:

Corps of Engineers permit #810540, dated 1/27/86 for retaining floats, pilings and ramp.

Facility: BROWN'S YACHT YARD  
 Address: 139 East Main Street, Montgomery Place  
 Owner: Bertram Peter Van Pelt  
 Location on waterfront: Smith Cove

Remarks:

Warf for storage and repair/service of boats  
 Seasonal moorings and slips; 100' dockage area; 65', 35 ton  
 boat lift, rack storage; new and used boat and engine sales.  
 Wood construction wharf built over harbor bulkhead.

Permits:

Corps of Engineers permit # 830511 dated 8/19/85 for wharves  
 and floats.

Corps of Engineers permit # 870152, undated, for  
 reconfiguration of float plan.

Facility: INTERNATIONAL SEAFOODS, INC.  
 Address: East Main Street  
 Owner: International Oceanic, Inc.  
 Location on waterfront: Inner Harbor

Remarks:

Fish processing - wholesale and retail lobstering  
 Wood construction dock on pilings over bulkhead, bituminous  
 concrete overlay.

Permits:

Corps of Engineers permit #810540, dated 1/27/86, for  
 retaining wall, floats, pilings, and ramp.

Facility: CAPTAIN JOE'S  
Address: 83-95 East Main Street  
Owner: Charles Ciaramitaro  
Location on waterfront: Inner Harbor

Remarks:  
Fish processing  
Wood construction on pilings

Permits:  
Corps of Engineers permit #860211, dated 9/30/86, for dock,  
pilings and deck.

Facility: RUINS  
Address: East Main Street  
Owner: City of Gloucester  
Location on waterfront: Inner Harbor  
Remarks:  
Ruins off bulkhead

Permits:

Facility: GLOUCESTER YANKEE MARINE  
Address: R59 Parker Street  
Owner: Hank Bornhoft  
Location on waterfront: Northeast end of harbor

Remarks:

Storage, repair and service of boats, sales and brokerage.  
Wood construction, fingerpiers and ramp, ground anchors,  
from bulkhead & riprap.

Permits:

Corps of Engineers permit #750237, dated 15/10/75, for

Facility: PIER SEVEN REALTY TRUST  
Address: 435 Essex Street  
Owner: Pier Seven Realty Trust  
Location on waterfront: Head of Gloucester Harbor  
Remarks:  
wood construction, pilings and floats

Permits:

Corps of Engineers permit #700165, dated 7/13/70, for finger  
piers and floats.  
State permit #5682, 1970.

Facility: S&S SEAFOODS  
 Address: 52 Parker Street  
 Owner: Arthur Sawyer  
 Location on waterfront: South Channel, Gloucester Harbor

Remarks:  
 Wholesale Seafood Dealer  
 Wood construction, styrofoam floatation, mushroom moorings  
 dock extending from harbor bulkhead line.

Permits:  
 Corps of Engineers permit # 872192 undated for moorings and floats  
 City permit # 20, 1989

Facility: MASSACHUSETTS GOVERNMENT LANDBANK  
 Address: State Fish Pier  
 Owner: Commonwealth of Massachusetts  
 Location on waterfront: Harbor's End

Remarks:  
 Industrial fishing pier. Presently under plans for rehab. and development, therefore leases are being allowed to lapse pier is wood construction with concrete overlay built over fill area previously known as Five Pound Island.

Permits:  
 Corps of Engineers permit # 870038 to Massachusetts Dept of Environmental Management to repair pier. See attachment.

34a

Facility: THREE LANTERNS SHIP SUPPLY  
Address: Parker Street  
Owner: Three Lanterns Ship Supply  
Location on waterfront: Inner Harbor

Remarks:  
Ship supply store with wharf for landing

Permits:  
permits grandfathered

35

Facility: BULKHEAD, RIPRAP  
Address: Main and East Main Streets  
Owner: Government Land Bank  
Location on waterfront: North East end of Harbor  
Remarks:  
Currently houses a park, usage for water access is presently undecided.

Permits:



Facility: HEAD OF THE HARBOR MARINA  
 Address: 50 Parker Street  
 Owner: Harbor Nominee Trust  
 Location on waterfront: Inner Harbor, end

Remarks:  
 Wood construction, floats and ramps on pilings and anchors  
 extending from bulkhead.

Permits:  
 Corps of Engineers permit #871932, undated, for walkway  
 floats; #850612, dated 1/27/88 to activate existing marina.

Facility: CONNELLY AND WRIGHT SEAFOOD  
 Address: Main Street  
 Owner: Connelly and Wright Seafood  
 Location on waterfront: Inner Harbor  
 Remarks:  
 Commercial fish processing  
 wharf for fishing boat access

Permits:  
 permits have been grandfathered from previous owner

37a

Facility: SALT WATER SEAFOOD  
Address: Main Street  
Owner: Salt Water Seafood  
Location on waterfront: Inner Harbor

Remarks:  
Fish processing  
Wharf built from bulkhead line

Permits:  
grandfathered

38

Facility: ROSE'S OIL COMPANY  
Address: Main Street  
Owner: Rose Filetto  
Location on waterfront: West side, inner harbor  
Remarks:  
Wharf from bulkhead and barge  
One of the whale watch boats docks here.

Permits:  
Corps of Engineer's permit #840168, dated 11/25/86 for  
reconstruction of ramp and bulkhead, and for a barge  
State Permit #971

Facility: CARTER'S YACHT YARD  
 Address: Main Street  
 Owner: Carter's Yacht Yard  
 Location on waterfront: Inner Harbor

Remarks:  
 Repair, Storage, and docking of industrial fishing boats.  
 wharf structure

Permits:  
 permits have been grandfathered from Rose's Oil Service

Facility: THE GORTON CORPORATION  
 Address: 267 East Main Street  
 Owner: General Mills  
 Location on waterfront: Smith Cove  
 Remarks:  
 General warehousing and storage

Permits:  
 Corps of Engineers #470036 for timber bulkhead and fill;  
 # 550238 for maintenance; #660090 to build and maintain pile  
 & timber wharf, cc deck; #690273 for maintenance  
 State permit #1842

41

Facility: MASSACHUSETTS ELECTRIC COMPANY  
Address: Main Street  
Owner: Massachusetts Electric Company  
Location on waterfront: Inner Harbor

Remarks:

Permits:  
Corps of Engineer's permit #660207, dated 8/26/66  
and #670048, dated 3/14/67

42

Facility: AMERICOLD  
Address: Main Street  
Owner: Americold Corp  
Location on waterfront: Inner Harbor  
Remarks:  
Fish processing and distribution plant  
Wharf built over bulkhead

Permits:  
Permits grandfathered from Quincy Market Cold Storage

Facility: STAR FISHERIES  
 Address: 33 Harbor Loop  
 Owner: Augustus Ciulla et al.  
 Location on waterfront: Inner Harbor, NW

Remarks:  
 Fresh fish processing  
 Wharf built out from bulkhead.

Permits:  
 Corps of Engineers permit # 870796 dated 6/19/87 for building addition.  
 Corps of Engineers permit # 881691, undated, for dredging.  
 State Permit #1037

Facility: GLOUCESTER MARINE RAILWAYS CORP.  
 Address: R27-R31 Harbor Loop  
 Owner: Gloucester Marine Railways  
 Location on waterfront: Inner Harbor NW  
 Remarks:  
 Wharf on pilings from bulkhead line  
 Marine Rail System for repair and service of fishing boats

Permits:  
 Corps of Engineers permits #650214 and 650213 dated 8/16/85 for wharf and piers.  
 State permit #4953, 1965.

45

Facility: ORES  
Address: R19-21 Harbor Loop  
Owner: Ocean Research Association  
Location on waterfront: Inner Harbor NW

Remarks:  
Marine education center with wharf and floats  
Deep sea fishing co., docks here.

Permits:  
grandfathered

46

Facility: U.S. COAST GUARD STATION  
Address: 17-19 Harbor Loop  
Owner: United States of America  
Location on waterfront: Inner Harbor NW  
Remarks:  
Wharf and floats extending from harbor bulkhead line;  
Satellite station and helipad.

Permits:

State Permit #1759

47

Facility: EMPIRE FISH CO.  
Address: R11-13 Harbor Loop  
Owner: Empire Fish Co.  
Location on waterfront: Inner Harbor NW

Remarks:  
Wharf extending over bulkhead

Permits:  
Corps of Engineers permit # 870617 dated 11/10/88 for  
rehabilitation of wharf area.

48

Facility: BUILDING CENTER  
Address: 1-5 Harbor Loop  
Owner: Carter  
Location on waterfront: Inner Harbor  
Remarks:  
Retail building and materials store.  
wharf area not currently in use.

Permits:  
Corps of Engineers permit #840985, dated 1/31/85, grand-  
fathered, permit #840168, dated 11/25/86 for restructuring  
ramp.

Facility: DOCK SLIPS AND WALKWAY  
 Address: 65-105 Rogers Street  
 Owner: Glouc. Redevelopment Authority  
 Location on waterfront: Harbor Cove

Remarks:  
 Wood construction with reinforce concrete pilings  
 Commercial space rental

Permits:  
 Corps of Engineers permit #881090 dated 4/14/88 for dock,  
 # 850006 dated 4/14/85 for a floating dock system.  
 State #1480  
 City #49, 1989

Facility: GLOUCESTER HOUSE RESTAURANT  
 Address: 63 Roger's Street  
 Owner: Gloucester House Restaurant  
 Location on waterfront: Harbor Cove  
 Remarks:  
 Dockage area here accomodated fishing boats and whale watch  
 boats.

Permits:  
 Corps of Engineers permit #870132, dated 5/5/87 to replace  
 building.  
 State Permit #618, 1980.



51

Facility: FISHERMAN'S WHARF  
Address: R 37 Rogers Street  
Owner: City of Gloucester  
Location on waterfront: Harbor Cove

Remarks:  
Fisherman's cooperative wharf for fishing boats  
Also has dock with promenade for tourists.

Permits:

52

Facility: CAPTAIN CORAGEOUS RESTAURANT INC.  
Address: 23-27 Roger's Street  
Owner: Raymond Bandar  
Location on waterfront: Harbor Cove

Remarks:  
Restaurant with water frontage, building extends over  
bulkhead line

Permits:  
Corps of Engineers permit #850649, dated 12/15/86 for  
construction of main deck

53

Facility: GLOUCESTER LOBSTERMEN'S MARINA  
Address: 17-21 Rogers Street  
Owner: City of Gloucester  
Location on waterfront: Harbor Cove

Remarks:  
wood construction  
dockage space is available here for the independent  
Gloucester lobstermen.  
Marina and Restaurant are located on the site  
Permits:  
Corps of Engineers permit #840833, dated 4/30/85 for deck  
and finger floats.

54

Facility: GMF CORP.  
Address: 52-56 Commercial Street  
Owner: GMF Corp.  
Location on waterfront: Harbor Cove  
Remarks:  
Fish processing  
wharf from bulkhead, boats can dock here.

Permits:  
Permits grandfathered

55

Facility: FRONTIERO BROS. INC.  
Address: 58-74 Commercial Street  
Owner: Frontiero Bros.  
Location on waterfront: Harbor Cove

Remarks:  
Fish processing plant  
Docking capabilities, finger piers.

Permits:  
Corps of Engineers permit # 767239, dated 12/28/76 to repair existing facility.  
State permit # 2290, 1940; #2425, 1941.

56

Facility: QUICK FREEZE CORP.  
Address: 76-78 Commercial Street  
Owner: Quick Freeze Corp.  
Location on waterfront: Harbor Cove  
Remarks:  
Fish Processing Plant  
Wharf built over bulkhead, docking capabilities.

Permits:  
Corps of Engineers permit grandfathered

57

Facility: PRODUCER'S FISH  
Address: 80-86 Commercial Street  
Owner: Rose Filetto etal.  
Location on waterfront: Harbor Cove

Remarks:  
Fish Processing  
Wharf built from bulkhead, docking capabilities

Permits:  
Corps of Engineers permit grandfathered  
State permit # 2621, 1943.

58

Facility: CAPE POND ICE  
Address: 104 Commercial Street  
Owner: Cape Pond Ice  
Location on waterfront:  
Remarks:  
wharf built out from bulkhead line. Cape Pond Ice supplies  
ice to the fishing boats, making fishing possible in the  
harbor.

Permits:  
grandfathered

59

Facility: BORDINARO AND SMITH  
Address: 33 Fort Square  
Owner: Bordinaro and Smith  
Location on waterfront: Western Channel Entrance

Remarks:  
wharf built from bulkhead, presently dormant.

Permits:

60

Facility: RIPRAP  
Address:  
Owner: City of Gloucester  
Location on waterfront: Western entrance to Gloucester Harbor  
Remarks:  
Purpose is for stabilization

Permits:

61

Facility: SEAWALL  
Address:  
Owner: City of Gloucester  
Location on waterfront: Western entrance to Gloucester Harbor

Remarks:  
For stabilization

Permits:

## Glossary

- Backshore** - The zone of the shore or beach lying between the foreshore and the coastline and acted upon by waves only during severe storms, especially when combined with exceptionally high water.
- Beach** - the zone of sedimentary material that extends landward from the low water line to the place where there is marked change in material or form, or to the line of permanent vegetation (usually the effective limit of storm waves). The seaward limit of a beach, unless otherwise specified, is the mean low water line. A beach includes foreshore and backshore.
- Berm** - a nearly horizontal part of the beach or backshore formed at the high water line by waves depositing material. Some beaches have no berms, others have one or several.
- Bluff** - a high steep bank composed of erodible materials.
- Breaker** - a wave meeting a shore, reef, sandbar, or rock and collapsing.
- Breakwater** - a fixed or floating structure that protects a shore area, harbor, anchorage, or basin by intercepting waves.
- Bulkhead** - a structure or partition placed on a bank or bluff to retain or prevent sliding of the land and protect the inland area against damage from wave action. See also seawall.
- Cliff** - a high, steep face of rock, a precipice.
- Coast** - the strip of land, of indefinite width (up to several miles), that extends from the shoreline inland to the first major change in terrain features.
- Current** - a flow of water.
- Groin** - A fingerlike structure built perpendicular to the shoreline, usually with other groins, to trap littoral drift or retard erosion of the shore.
- Jetting** - a method of placing piles by forcing water around and under a pile to displace and lubricate the surrounding soil allowing the pile to sink to the desired position.
- Longshore** - parallel to and near the shoreline.
- Marsh** - an area of soft, wet, or periodically submerged land generally treeless and usually characterized by grasses and other low vegetation.
- Neap Tide** - a tide having about 10 -30 percent less range than the average, occurring about the time of quarter moons.
- Offshore** - the direction away from the shore, toward a large body of water.
- Onshore** - the landward direction, away from the water.
- Permit** - a document issued that expresses the assent of a government agency, so far as concerns the public rights and the general public interest, for the accomplishment of certain works (e.g. construction).
- Pile** - a long, heavy timber or section of concrete or metal that is driven or jetted into the earth or bottom of a water body to serve as a structural support or protection.

## **Glossary, continued**

**Revetment** - a facing placed on a bank or bluff of stone to protect a slope, embankment, or shore structure against erosion by wave action or currents.

**Riparian rights** - the rights of a person owning land containing or bordering on a water course or other body of water in or to its banks, bed or waters.

**Riprap** - a layer, facing, or protective mound of rubble or stones randomly placed to prevent erosion, scouring, or sloughing of a structure or embankment, also, the stone used for this purpose.

**Rubble** - rough, irregular fragments of rock or concrete.

**Seawall** - a structure separating land and water areas, primarily designed to prevent erosion and other damage due to wave action.

**Sheet pile** - a pile with a generally slender, flat cross-section that is driven into the ground or bottom of a water body and meshed or interlocked with like members to form a wall or bulkhead.

**Shore** - the narrow strip of land in immediate contact with the water, including the zone between high and low water lines.

**Spring tide** - a tide that rises highest and falls lowest from mean sea level, occurring at new or full moon.

**Tide** - the periodic rising and falling of water that results from gravitational attraction of the moon and sun acting on the rotating earth.